

## EAST Search History

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L3    | 615  | 349/138.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/05/11 17:52 |
| L4    | 0    | ((color adj filter) adj3 thickness and (planarization insulation flattening) adj3 thickness) and (transflective (transmissive and reflective))).clm. | US-PGPUB;<br>USPAT | OR               | ON      | 2006/05/11 17:53 |
| L5    | 1    | ((color adj filter) with thickness and (planariz\$5 insulat\$5 flattening) adj3 thickness) and (transflective (transmissive and reflective))).clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/05/11 17:54 |
| S1    | 1    | 10/693209  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/05/11 17:05 |
| S3    | 40   | 349/107.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 14:30 |
| S4    | 69   | 349/108.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 14:53 |
| S6    | 57   | 349/109.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/04/16 21:21 |
| S7    | 1029 | 349/106.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 15:57 |
| S8    | 1095 | "349"/\$.ccls. and (color adj filter with thickness)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 17:13 |
| S9    | 2    | "349"/\$.ccls. and (color adj filter with L-shape\$)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/04/16 20:59 |
| S11   | 195  | "349"/\$.ccls. and (transflect\$).ti.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 18:06 |
| S12   | 948  | (color adj filter) with (reflect\$ and transmiss\$)  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 17:51 |
| S13   | 55   | (color adj filter) with ((reflect\$ adj portion) and (transm\$ adj portion))   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 18:05 |
| S14   | 159  | S11 and "color filter"   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 18:32 |
| S15   | 1343 | "color filter".ti.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/02/03 18:32 |
| S16   | 2    | chang-ming-chin.in.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/04/16 20:59 |
| S17   | 9    | wu-yang-en.in.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/04/16 20:59 |

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|     |      |   |                              |    |    |                  |
|-----|------|---|------------------------------|----|----|------------------|
| S18 | 15   | ("4935757"   "5250932"   "5305154"   "5500491"   "5508134"   "5638198"   "5705302"   "5790219"   "5995188"   "6016179"   "6038006"   "6057900"   "6067134"   "6068953"   "6128050").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/16 21:06 |
| S19 | 6    | L adj shape with color adj filter   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/16 21:16 |
| S20 | 1058 | 349/106-108.ccls. and @ad<"20031024"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/16 22:45 |
| S21 | 160  | planarization adj layer with color adj filter   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/16 22:52 |
| S22 | 160  | planarization adj layer with color adj filter   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/16 22:52 |
| S24 | 1    | "6573969".pn.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 13:13 |
| S25 | 39   | color adj filter with positive adj (photo-resist (photo adj resist) photoresist)  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 14:57 |
| S26 | 8082 | color adj filter with electrode   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 14:24 |
| S28 | 2275 | color adj filter with thickness   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 14:35 |
| S29 | 51   | color adj filter with made with photoresist   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 14:41 |
| S30 | 3    | color adj filter with made with photoresist with positive   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 14:52 |
| S31 | 2134 | positive adj resist and photolithography  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:03 |
| S32 | 1    | "20020101552"   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:05 |
| S33 | 1    | 10/029697   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:05 |
| S34 | 3    | 10/029967   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:19 |
| S35 | 1221 | color adj filter with array adj substrate   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:20 |
| S36 | 1169 | 349/106-109.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:33 |
| S37 | 1    | US-6022647-\$.DID.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:34 |
| S38 | 1    | "20020101552"   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:45 |

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|     |       |  |                              |    |    |                  |
|-----|-------|--|------------------------------|----|----|------------------|
| S39 | 1     | 10/678590  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:46 |
| S40 | 1     | "6295109".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:54 |
| S41 | 2513  | color adj filter adj2 array  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:55 |
| S42 | 432   | coa adj substrate  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:56 |
| S43 | 6     | S42 and color adj filter   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:56 |
| S44 | 1373  | coa with substrate   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 16:56 |
| S45 | 26    | S44 and (color adj filter)   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 17:20 |
| S46 | 0     | reflective adj reelectrode   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 17:20 |
| S47 | 1577  | reflective adj electrode   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 17:20 |
| S48 | 763   | S47 and color adj filter   | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 17:28 |
| S49 | 132   | color adj filter and (reflective adj<br>(area region)) and (transmissive<br>adj (area region)) | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 17:42 |
| S50 | 55    | transflective adj electrode  | US-PGPUB;<br>USPAT           | OR | ON | 2005/04/17 17:42 |
| S51 | 3     | ("4519679"   "5146355"  <br>"6266108").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/17 17:56 |
| S52 | 1     | "6633535"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/17 18:12 |
| S53 | 18770 | "349"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/17 18:12 |
| S54 | 838   | S53 and (insulation adj layer)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/17 18:55 |
| S55 | 2     | "20040080684" "6633535".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/17 18:56 |
| S56 | 7     | bcb with conventional and<br>"349"/\$.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/09/18 15:33 |
| S57 | 0     | "66333353"   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/14 16:49 |

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|     |      |  |                              |    |    |                  |
|-----|------|--|------------------------------|----|----|------------------|
| S58 | 5    | "6633353"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 18:19 |
| S59 | 1    | "20030180447"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 14:06 |
| S60 | 2    | chang-ming-chin.in.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 14:18 |
| S61 | 11   | wu-yang-en.in.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 14:18 |
| S62 | 1    | "6757038".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 14:26 |
| S63 | 1    | "6567139".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 14:26 |
| S64 | 1    | "6697135".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 16:18 |
| S65 | 1044 | color adj filter with (upper adj<br>substrate and lower adj substrate)                   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 16:19 |
| S66 | 843  | S65 and "349"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 16:19 |
| S67 | 15   | ("4687298"   "4948231").PN. OR<br>("5754261").URPN.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/15 16:27 |
| S68 | 1177 | 349/106.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/15 16:27 |
| S69 | 45   | transflective adj electrode and<br>color adj filter and "349"/\$.ccls.                   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 18:26 |
| S70 | 28   | color adj filter with (varying adj<br>thickness)   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/15 18:26 |
| S71 | 111  | 349/113.ccls. and 349/106.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 13:07 |
| S72 | 128  | 349/106,108.ccls. and (reflect\$5<br>adj electrode)                                      | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 15:49 |
| S73 | 146  | 349/114.ccls. and reflective adj<br>electrode and color adj filter                       | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 18:12 |
| S74 | 3    | 09/864474  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 18:22 |
| S75 | 219  | planarization adj layer with color<br>adj filter   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 18:23 |
| S76 | 134  | planarization adj layer with color<br>adj filter and liquid adj crystal                  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 18:25 |
| S77 | 7    | planarization adj layer with<br>(protect and color adj filter) and<br>liquid adj crystal | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 18:26 |

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|     |      |  |                              |    |    |                  |
|-----|------|--|------------------------------|----|----|------------------|
| S78 | 14   | planarization adj layer with (protect\$ and color adj filter) and liquid adj crystal         | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/16 18:27 |
| S79 | 170  | overcoat adj layer with (protect\$ and color adj filter) and liquid adj crystal              | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 15:31 |
| S80 | 1    | "20010013914"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 15:30 |
| S81 | 7    | organic with overcoat adj layer with (protect\$ and color adj filter) and liquid adj crystal | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 16:27 |
| S82 | 249  | color adj filter with photoresist and "349"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 18:20 |
| S83 | 1    | "20010045560"  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 18:21 |
| S84 | 320  | 349/113.ccls. and reflective adj electrode   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 18:33 |
| S85 | 1    | "6181397".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/17 18:33 |
| S86 | 9    | ("4861143"   "5321538"   "5381256"   "5500750"   "5663778").PN. OR ("6181397").URPN.         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/20 15:55 |
| S87 | 178  | substrate near3 insulation adj layer and "349"/\$.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/20 16:59 |
| S88 | 1    | "6697135".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/20 17:01 |
| S89 | 1403 | "349"/\$.ccls. and TFT and gate and insulator  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/20 17:01 |
| S90 | 2492 | gate adj insulation adj layer  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/20 17:05 |
| S91 | 325  | S90 and "349"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/20 17:53 |
| S92 | 1    | "4876165".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/20 17:54 |
| S93 | 1    | "5093738".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/20 18:12 |
| S94 | 616  | bcbl with organic and "349"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/21 10:10 |
| S95 | 1    | 10/464772  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/21 10:12 |

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|          |      |  |                              |    |    |                  |
|----------|------|--|------------------------------|----|----|------------------|
| S96      | 1    | "6654076".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/21 13:27 |
| S97      | 1    | "6035526".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/21 13:28 |
| S98      | 1    | 10/693506  | US-PGPUB;<br>USPAT           | OR | ON | 2005/11/21 13:28 |
| S99      | 4    | ("4600273"   "5891597"  <br>"6215538"   "6383694").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/10 17:38 |
| S10<br>0 | 9    | ("4600273"   "5891597"  <br>"6215538"   "6383694").PN. OR<br>("6542209").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/11 10:10 |
| S10<br>1 | 1302 | 349/106,108.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/05/11 10:11 |